

Remarks/Arguments

35 U.S.C. §112, ¶

The Examiner has rejected Claims 4 and 5. Claim 4 has been cancelled. Claim 5 has been amended such that the objected to language is now omitted.

35 U.S.C. §103, ¶

Claims 1-6 stand rejected under 35 U.S.C. §103 (a) as being unpatentable over Kuwahara in view of Render¹.

Claim 1 has been amended to recite more clearly patentably distinguishable features. In currently amended Claim 1 at least one pair of the saddle-shaped coils such as shown in Figure 3a lies in a radial angular position, such as $\theta 1$ of Figure 4a greater than 5 degrees in the front part, such as region 23 of Figure 3a of the coil, as referred to in page 7, lines 21-28. Whereas, the at least one pair of the saddle-shaped coils lies in a radial angular position equal to zero, as shown in Figure 4b, from the rear part, such as region 25 of Figure 3a, to a point such as point M, lying within the intermediate region such as region 24.

As explained in the specification, the winding of the deflection coils may generate several distortions, known as design parameters:

- - Geometry distortion: at periphery of the image or/and within the image (North/south or/and East/WEST distortions, trapezium error, gull wing distortions)
- - Coma distortion
- - Convergences errors

In modifying the winding to improve one of these design parameters, the others may, disadvantageously, degrade. The arrangement of Currently Amended Claim 1 solves one specific distortion called trapezoid differential occurring at 1 o'clock (see page 3, paragraphs 3 and 4). This distortion is solved, advantageously, without impacting the others parameters (see page 7 line 29 to page 8 line 10).

None of the cited references, individually or in combination, describes the particular arrangement of the lateral harnesses, as recited in Currently Amended Claim 1, which reduces the trapezoid differential. In contrast, the cited references are dedicated to enhance

deflection efficiency and eliminate the misconvergence (Kuwahara) or improve the accuracy of the coil manufacturing (Renders).

There is no teaching in either Renders or Kuwahara suggesting individually or in combination the variations of the aforementioned angular position, as recited in Currently Amended Claim 1. Thus, neither Renders nor Kuwahara individually or in combination is capable of, for example, reducing trapezoid differential. It follows that Currently Amended Claim 1 is patentably distinguishable over each and over a combination of Renders and Kuwahara.

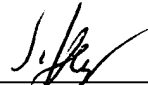
In the Drawings

The Examiner has objected to the figures for not including $\theta 1$ and $\theta 2$, as described in the detailed description. Applicants have amended figures 4a and 4b to show angles $\theta 1$ and $\theta 2$. No new matter has been added with this amendment to the figure.

Allowance of Claims 1-3, 5 and 6 is, respectfully, requested.

No fee is believed due. However, if a fee is due, please charge the additional fee to Deposit Account 07-0832.

Respectfully submitted,

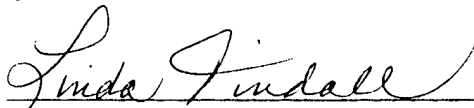
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I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to [Mail Stop Non-Fee Amendment], Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

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Linda Tindall